

Hydropalat[®] WE 3127

Product description Hydropalat[®] WE 3127 is a biodegradable surfactant for pigment wetting and pigment dispersion in aqueous paints, inks and adhesives.

Key benefits

- Biodegradable surfactant
- Supports pigment wetting and pigment dispersion
- Features excellent wetting properties for pigments and fillers
- For all types of aqueous systems
- Special suitability for water based paints with high scrub resistance values
- Reduces the dispersion time
- Stabilizes the dispersion and prevents pigment flotation

Chemical nature Aqueous blend of non-ionic surfactants

Properties

Physical form Yellow liquid

Technical data	pH value	EN 1262 (10 %)	5.0 – 8.0
(not supply specification)	Solid content	DIN ISO 1625	68.0 – 72.0 %

Application

Hydropalat® WE 3127 is an excellent wetting agent for pigments and fillers in all types of aqueous systems.

Hydropalat® WE 3127 is especially appropriate for water based paints with high scrub resistance values. It increases the rate of pigment and so it reduces the dispersion time. At the same time, the mill base viscosity decreases allowing to work at higher solid contents.

Hydropalat® WE 3127 stabilizes the dispersion and prevents pigment flotation. It is compatible with all kinds of surfactants: anionic, non-ionic and cationic. It is free of alkyl phenols.

Recommended concentrations

Hydropalat® WE 3127 is added to the grinding or pigment dispersion step. The usual dosage is between 0.1 and 0.5 % upon the total paint. Nevertheless, those amounts can vary considerably depending on the pigment type and the fillers used.

Storage

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3127.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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